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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

	Complete if Known
Application Number	10/763,644
Filing Date	January 22, 2004
First Named Inventor	Zerangue, Noa
Art Unit	1615 1646
Examiner Name	Unassigned
Attorney Docket Number	019282-001511US

	U.S. PATENT DOCUMENTS+								
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Examiner Initials*	Cite No.1	Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
									
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GC	AA	wo	01/49728	A2	. 07-12-2001			
GC	AB	wo	99/61471	A2	12-02-1999			
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Examiner Signature	/Gyan Chandra/	Date Considered	12/04/2006

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				Filing Date	January 22, 2004		
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Substitu	ite for form 1449A/F	PTO	TRADE	Complete If Known			
				Application Number	10/763,644		
INF	ORMATIO	N DI	SCLOSURE	Filing Date	January 22, 2004		
STA	TEMENT	BY A	PPLICANT	First Named Inventor	Zerangue, Noa		
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Examiner	Cite	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant			
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GC	AA	US-6,040,138	03-21-2000	Lockhart et al.				
1	AB	US-5,578,325	11-26-1996	Domb et al.				
1	AC	US-5,543,158	08-06-1996	Gref et al.				
1	AD	US-4,704,362	11-03-1987	Itakura et al.				
	AE	US-4,680,338	07-14-1987	Sundoro				
<u> </u>	AF	US-4,671,958	06-09-1987	Rodwell et al.	· · · · · · · · · · · · · · · · · · ·			
	AG	US-4,669,784	06-02-1987	Grasse				
	AH	US-4,659,839	04-21-1987	Nicolotti et al.				
	Al	US-4,589,071	05-13-1986	Yamamuro et al.				
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	AK	US-4,414,148	11-08-1983	Jansen et al.				

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Examiner	Cite	For	eign Patent Docum	ent	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant	
Initials*	No.'	Country Code ³	Number ⁴ io	nd Code ⁸ (# known)	MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	T ⁶
1	AL	wo	90/07861	A1	07-26-1990	Queen et al.		
	AM	wo	91/17271	A1	11-14-1991	Dower et al.		
1	AN	wo	92/01047	A1	01-23-1992	McCafferty et al.		
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1	AP	wo	94/08051	A1	04-14-1994	Still et al.		
	AQ.	wo	95/12608	A1	05-11-1995	Sugarman et al.		
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	AX	wo	03/065982	A2	08-14-2003	Zerangue et al		
	AY	EP	0 188 256	B1	08-21-1991	Fritzberg		
_	AZ	EP	0 853 679	B1	01-22-2003	Lockhart et al.		

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PTO/SB/08B (08-03)

Substitute	for form 1449E	3/PTO TR	DEMIN	Complete If Known		
				Application Number	10/763,644	
			CLOSURE	Filing Date	January 22, 2004	
STAT	EMENT	BY A	PPLICANT	First Named Inventor	Zerangue, Noa	
				Art Unit	Not yet assigned	
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Sheet	2	of	4	Attorney Docket Number	019282-001511US	

		NON PATENT LITERATURE DOCUMENTS	·
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
	ВА	Altschul et al.; Basic Local Alignment Search Tool; J. Mol. Biol. 215:403-410 (1990)	
	· 88	Aramaki, Y., et al.; Stability of Liposomes in Vitro and Their Uptake by Rat Peyer's Patches Following Oral Administration; Pharm. Res. 10:1228-1231 (1993)	
	вс	Aruffo & Seed; Molecular Cloning of a CD28 cDNA by a High-Effecience COS Cell Expression System; <i>Proc. Natl. Acad. Sci. USA</i> 84:8573-8577 (1977)	
	BD	Ballatori; Bile Salt Excretion in Skate Liver is Mediated by a Functional Analog of Bsep/Spgp, the Bile Salt Export Pump; Am. J. Physiol. 278	
	BE	Borst et al; A Family of Drug Transporters: the Multidrug Resistance-Associated Proteins; J. Natl. Cancer Inst. 92, 1295-1302	·
	BF	Boyer, J.L. et al.; Phylogenic and Ontogenic Expression of Hepatocellular Bile Acid Transport; Proc. Natl. Acad. Sci. USA 90, 435-438 (1993)	
	BG	Boyer, J.L. et al., Biliary Secretion in Elasmobranchs. II. hepatic Uptake and Biliary Excretion of Organic Anions; Am. J. Physiol. 230, 974-978 (1976)	
	вн	Bunin, B.A. et al.; A General and Expedient Method for the Solid-Phase Synthesis of 1,4-Benzodiazepine Derivatives; <i>J Amer Chem Soc</i> , 114:10997, 1992	
	ВІ	Chen et al.; Polymerized Liposomes as Potential Oral Vaccine Carriers: Stability and Bioavallability; J. Contr. Rel. 42:263-272 (1996)	
	BJ	de la Luna, S. et al.; Efficient Transformation of Mammalian Cells with Constructs Containing a Puromycin-Resistance Marker; (1998) Gene 62:121)	
	вк	Deshmukh, D.S., et al.; Can Intact Liposomes be Absorbed in the Gut?; Life Sci. 28:239-242 (1981)	
	BL	Dolle & Nelson; Comprehensive Survey of Combinatorial Library Synthesis: 1998; J. Combinatorial Chemistry 1. 235-282 (1999)	
	ВМ	Eggenweiler, H.M.; Linkers for Solid-Phase Synthesis of Small Molecules: Coupling and Cleavage Techniques; <i>Drug Discovery Today</i> , 3: 552 (1998)	
	BN	Fricker, G. et al.; Characteristics of Bile Salt Uptake into Skate Hepatocytes; Biochem. J. 299, 665-670 (1994)	
	во	Henikoff & Henikoff; Amino Acid Substitution Matrices from Protein Blocks; <i>Proc. Natl. Acad. Sci. USA</i> 89:10915 (1989)	
	BP	Hershko & Ciechanover; Mechanisms of Intracellular Protein Breakdown; Ann. Rev. Biochem. 51:335-364 (1982)	

Examiner	/Gyan Chandra/	Date	12/04/2006
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PTO/SB/08B (08-03)

Substitute	for form 1449B/PT	FTRAV	EUR	Complete if Known			
			01 001105	Application Number	10/763,644		
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Filing Date	January 22, 2004		
STAT				First Named Inventor	Zerangue, Noa		
			•	Art Unit	Not yet assigned		
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Sheet	3	of	4	Attorney Docket Number	019282-001511US		

		NON PATENT LITERATURE DOCUMENTS	_
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Т
	BQ.	Kanehisa, M.; Use of Statistical Criteria for Screening Potential Homologies in Nucleic Acid Sequences; <i>Nucleic Acids Res.</i> 12:203-213 (1984)	
	BR	Karlin & Altschul; Applications and Statistics for Multiple High-Scoring Segments in Molecular Sequences; <i>Proc. Nat'l. Acad. Sci. USA</i> 90:5873-5787 (1993)	
,	BS	Keppler, D. et al.; Hepatic Secretion of Conjugated Drugs and Endogenous Substances; Semin. Liver Dis. 20, 265-272 (2000)	
	вт	Kohler, et al.; Continuous Cultures of Fused Cells Secreting Antibody of Predefined Specificity; Nature, 256:495, (1975)	
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	BV	Langer, R.; New Methods of Drug Delivery; Science 249:1527-1533 (1990)	
	BW	Lee, et al.; Glucocorticoids Regulate Expression of Dihydrofolate Reductase cDNA in Mouse Mammary Tumour Virus Chmaeric Plasmids; Nature 294:228 (1981)	
	вх	Miller, et al.; Improved Retroviral Vectors for Gene Transfer and Expression; BioTechniques 7:980	
	BY	Needels, et al.; Generation and Screening of an Oligonucleotide-Encoded Synthetic Peptide Library; Proc. Natl. Acad. Sci. USA 1993, 90, 10700-04	
	BZ	Needleman & Wunsch,; A General Method Applicable to the Search for Similarities in the Amino Acid Sequence of Two Proteins; J. Mol. Biol. 48:443 (1970)	
Ì	CA	Nielsen et al.; Sequence-Selective Recognition of DNA by Strand Displacement with a Thymine-Substituted Polyamide; Science 254, 1497-1500 (1991)	
	СВ	Ni, et al.; Versatile Approach to Encoding Combinatyorial Organic Syntheses Using Chemically Robust Secondary Amine Tags; J. Med. Chem. 1996, 39, 1601	
	СС	Pearson & Lipman; Improved Tools for Biological Sequence Comparison; <i>Proc. Natl. Acad. Sci. USA</i> 85:2444 (1988)	
	CD	Queen et al.; A Humanized Antibody that Binds to the Interleukin 2 Receptor; Proc. Natl. Acad. Sci. USA 86:10029-10033 (1989)	
	CE	Saier, M.H.; A Funtional-Phylogenetic Classification System for ransmembrane Solute Transporters; <i>Microbiol. Mol. Biol. Rev.</i> 64 354-411 (2000)	

Examiner Signature	/Gyan Chandra/	Date Considered	12/04/2006

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Substitute for form 1449B/PTO				Complete if Known		
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	January 22, 2004	
			PPLICANT	First Named Inventor	Zerangue, Noa	
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Sheet	14	of	4	Attorney Docket Number	019282-001511US	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Τ²
	CF	Seward, D.J. et al.; "Functional Complementation Between a Novel Mammalian Polygenic Transport Complex and an Evolutionarily Ancient Organic Solute Transporter, OSTa/OSTβ"; J. Biol. Chem. 278(30):27473-27482 (July 25, 2003)	
	CG	Smith & Waterman; Comparison of Biosequences; Adv. Appl. Math. 2:482 (1981)	
	СН	Smith, D.J. et al.; Taurocholate Uptake by Isolated Skate Hepatocytes: Effect of Albumin; Am. J. Physiol. 252, G479-G484 (1993)	
	CI	Sonnhammer, et al A Hidden Markov Model for Predicting Transmembrane Helices in Protein Sequences, Proceedings of the Sixth International Conference on Intelligent Systems for Molecular Biology, pages 175-182, Menlo Park, CA, 1998. AAAI Press.	
	C1	Suzuki, H. et al.; Tranport of Drugs Across the Hepatic Sinusoidal Mambrane: Sinosoidal Drug Influx and Efflux in the Liver; Semin. Liver Dis. 20, 251-263 (2000)	
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	CL	Yates, J.L. et al.; Stable Replication of Plasmids Derived from Epstein-Barr Virus in Various Mammalian Cells; Nature 313:812(1985)	

Examiner Signature	/Gyan Chandra/	Date Considered	12/04/2006
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Complete if Known ubstitute for form 1449A/PTO 10/763,644 **Application Number** INFORMATION DISCLOSURE January 22, 2004 Filing Date STATEMENT BY APPLICANT First Named Inventor Zerangue, Noa **Art Unit** 1646 (use as many sheets as necessary) Chandra, G. **Examiner Name Attorney Docket Number** 019282-001511US Sheet

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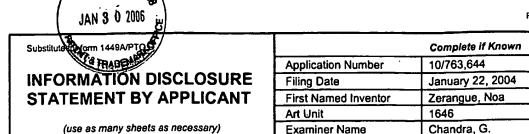
		NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
GC	АА	DAWSON et al., "The Heteromeric Organic Solute Transporter α-β, Ostα-Ostβ, Is an Ileal Basolateral Bile Acid Transporter," J. Biol. Chem., 280(6):6960-6968 (2005).				
GC	GC AB WANG et al., "Expression Cloning of a Novel Polygenic Organic Solute Transporter (OSTA, OSTB) from the Liver of a marine vertebrate," Hepatology, 32(4, pt. 2):316A (2000).					
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	January 22, 2004	
				First Named Inventor	Zerangue, Noa	
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